

CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP.

2203 Airport Way So., Suite 400 • Seattle, WA 98134
Chempro (206) 223-0500Resource Recovery (206) 223-0900
WAD061672812

31561

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WAD 980738546	Manifest Document No. (31561)	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address ALASKAN COPPER WORKS P.O. BOX 3546 SEATTLE, WA 98124		4. Generator's Phone (206) 623-5800 EXT. 218		A. State Manifest Document Number		
5. Transporter 1 Company Name RESOURCE RECOVERY		6. US EPA ID Number WAD 061672812		B. State Generator's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		
9. Designated Facility Name and Site Address <input checked="" type="checkbox"/> Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 <input type="checkbox"/> Chempro 1701 Alexander Tacoma, WA (206) 838-4774 <input type="checkbox"/> Chempro 20245 76th Ave. South Kent, WA (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767		D. Transporter's Phone (206) 233-0900		
				E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (206) 872-8030		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.	
a. R.Q. WASTE COMBUSTIBLE LIQUID, N.O.S. (XYLENE, III TRICHLOROETHANE) NA 1993		1	DM	85	G	D001, F001, R005, U003
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above				
CP 1 - 49108 FO 1 - 22343						
15. Special Handling Instructions and Additional Information PLACARDS TENDERED						
GENERATOR EMERGENCY TELEPHONE (206) 623-5800 EXT. 4218 <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name GREGORY A. SPEER		Signature <i>[Signature]</i>			Month Day Year 11 18 91	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <i>[Signature]</i>			Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name			Signature	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature			Month Day Year	

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

HDQ

GENERATOR'S COPY

AKC-0018464



RESOURCE RECOVERY CORP.
A CHEMPRO COMPANY

5501 AIRPORT WAY SO.
OFFICE (206) 767-0355

SEATTLE, WASH. 98108
DISPATCH (206) 824-1878

BILL OF LADING
339951

ORIGIN Seattle Washington DATE 11/18 19 91
SHIPPER Alaskan Copper Works
CONSIGNEE Chemical Processors Incorporated
DESTINATION Seattle, Washington (Georgetown)

IN THE ABSENCE OF A BILL OF LADING SUPPLIED BY THE SHIPPER, THIS TRUCK LOADING ORDER
WILL BECOME A LEGAL BILL OF LADING. TRANSPORTATION SUBJECT TO PUC REGULATIONS.

SHIPPERS NO. ORDER NO.

31561 13160

FOR OFFICE USE ONLY

QUANTITY	DOT PROPER SHIPPING NAME	HAZARD CLASS	HAZ. MATERIAL I.D. NUMBER	WEIGHT	RATE	FREIGHT
1 DM	REG. WASTE Combustible Liquid/NA 8	combustible Liquid	NA 1993			

GROSS _____ SHIPPER Alaskan Copper Works

TARE _____ CONSIGNEE _____

NET _____ TRANSPORTED BY Jim Rouse

PUC REGULATIONS REQUIRE PAYMENT OF THIS BILL IN SEVEN DAYS.

ORIGINAL FREIGHT BILL

PLEASE PAY
THIS AMOUNT



SOLVENT AND CALIFORNIA LIST TREATMENT STANDARDS

If the waste identified on the other side of this form is described by any of the following USEPA hazardous waste codes: F001, F002, F003, F004, F005, and/or this hazardous waste is subject to any prohibitions identified as "California List" restrictions (40 CFR 268.32 and/or RCRA Section 3004(d)), then this page MUST accompany the shipment, along with the opposite side of this form. VARIANCES: Inorganic Solid Debris characteristic for metals, D004 nonwastewaters, D008 Lead Acid Battery waste, and D009 High and Low Mercury nonwastewaters are under a National Capacity Variance and are not prohibited from land disposal until May 8, 1992.

SOLVENT WASTE TREATMENT STANDARDS

F001 through F005 spent solvent constituents and their USEPA waste code(s)/units	Treatment Standard		F001 through F005 spent solvent constituents waste and their USEPA code(s)	Treatment Standard	
	Wastewater units mg/l	Nonwastewater units mg/kg		Wastewater units mg/l	Nonwastewater units mg/kg
Acetone (F003)	0.05	0.59	Methylene chloride (F001, F002)	0.20	0.96
Benzene (F005)	0.07 40 CFR 268.43(a)	3.7 40 CFR 268.43(a)	Methylene chloride from pharmaceutical production (F001, F002, F003, F004, F005)	0.44 40 CFR 268.43(a)	0.96
n-Butyl alcohol (F003)	5.0	5.0	Methyl ethyl ketone (F005)	0.05	0.75
Carbon disulfide (F005)	1.05	4.81	Methyl isobutyl ketone (F003)	0.05	0.33
Carbon tetrachloride (F001)	0.05	0.96	Nitrobenzene (F004)	0.66	0.125
Chlorobenzene (F002)	0.15	0.05	2-Nitropropane (F005)	(WETOX or CHOXD) followed by CARBN or INCIN 40 CFR 268.42	INCIN 40 CFR 268.42
Cresols (and Cresylic acid) (F004)	2.82	0.75	Pyridine (F005)	1.12	0.33-
Cyclohexanone (F003)	0.125	0.75	Tetrachloroethylene (F001, F002)	0.079	0.05
1,2-Dichlorobenzene (F002)	0.65	0.125	Toluene (F005)	1.12	0.33
2-Ethoxyethanol (F005)	INCIN or BIODG 40 CFR 268.42	INCIN 40 CFR 268.42	1,1,1-Trichloroethane (F001, F002)	1.05	0.41
Ethyl acetate (F003)	0.05	0.75	1,1,2-Trichloroethane (F002)	0.03 40 CFR 268.43(a)	7.6 40 CFR 268.43(a)
Ethylbenzene (F003)	0.05	0.053	1,1,2-Trichloro-1,2,2-trifluoroethane (F002)	1.05	0.96
Ethyl Ether (F003)	0.05	0.75	Trichloroethylene (F001, F002)	0.062	0.091
Isobutanol (F005)	5.0	5.0	Trichlorotrifluoroethane (F002)	0.05	0.96
Methanol (F003)	0.25	0.75	Xylene (F003)	0.05	0.15

CALIFORNIA LIST TREATMENT STANDARDS

Restricted Waste Description	Prohibitions	Treatment Standard
Liquid or nonliquid wastes containing Halogenated Organic Compound listed in 40 CFR 268 Appendix III	Liquid wastes greater than or equal to 1,000 mg/l Nonliquid wastes greater than or equal to 1,000 mg/kg	40 CFR 268.42(a)(2) INCIN
Liquid wastes containing Polychlorinated Biphenyl (PCB)	Greater than or equal to 50 ppm	40 CFR 268.42(a)(1) INCIN or FSUBS also see 40 CFR 761.60 and .70
Liquid wastes containing Cyanides	Free (amenable to chlorination) cyanides in concentrations greater than or equal to 1,000 mg/l	RCRA Section 3004(d)
Liquid wastes containing restricted metals	One or more of the following metals (or elements) in concentrations \leq the following: Mercury at 20 ppm Nickel at 134 ppm Selenium at 100 ppm Thallium at 130 ppm	RCRA Section 3004(d)

RCRA LAND DISPOSAL RESTRICTION NOTIFICATION FORM-EZ

(This form is applicable for characteristic wastes D001-D011 and/or F-listed solvent wastes F001-F005)

Generator: ALASKAN COPPER WORKS
Chempro Profile No. CP 49168

U.S. EPA I.D. No. _____
Manifest No. _____

This notification is submitted to Chempro's treatment facility in accordance with U.S. EPA regulations, 40 CFR 268.7(a)(1). The hazardous waste, as designated by a check mark in the associated box(es), is included in this waste shipment and is restricted and banned from land disposal unless treated to standards as indicated. The reverse side of this form provides treatment standards for F001-F005 wastes, "California List" wastes, and applicable variances.

Waste Analysis Data are: ☐ Attached ☐ Not Attached

CONCENTRATION-BASED STANDARDS: The treatment standards for metal-bearing wastes (D004-D011) are listed in 40 CFR 268.43(a) for wastewaters and in 40 CFR 268.41(a) for nonwastewaters. The treatment standards for Reactive Cyanide (D003) waste are listed in 40 CFR 268.43(a).

Waste Code	Regulated Hazardous Constituent	Treatability Group		
<input type="checkbox"/> D003	Reactive Cyanides based on 261.23(a)(5)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	
<input type="checkbox"/> D004	Arsenic	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D005	Barium	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D006	Cadmium (except Batteries, see below)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D007	Chromium	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D008	Lead (except Lead Acid Batteries, see below)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D009	Mercury (< 260 mg/kg Total Mercury)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D010	Selenium	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D011	Silver	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris

TECHNOLOGY-BASED STANDARDS: The treatment standards expressed as technology-based standards are listed in 40 CFR 268.42(a).

Waste Code	Waste Description and/or Treatment Subcategory	Treatability Group		Treatment Code
<input type="checkbox"/> D001	Low TOC Ignitable Liquids (<10% Total Organic Carbon)	Nonwastewater		DEACT
<input checked="" type="checkbox"/> D001	High TOC Ignitable Liquids (≥ 10% Total Organic Carbon)	Nonwastewater		FSUBS, RORGS or INCIN
<input type="checkbox"/> D001	Ignitable Compressed Gases based on 261.21(a)(3)	Not Applicable		DEACT
<input type="checkbox"/> D001	Ignitable Reactives based on 261.21(a)(3)	Not Applicable		DEACT
<input type="checkbox"/> D001	Oxidizers based on 261.21(a)(4)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D002	Acid Subcategory, pH < 2	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D002	Alkaline Subcategory, pH ≥ 12.5	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D002	Other Corrosives based on 261.22(a)(2)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D003	Reactive Sulfides based on 261.23(a)(5)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D003	Explosives 261.23(a)(6), (7) and (8)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D003	Water Reactives 261.23(a)(2), (3) and (4)	Nonwastewater		DEACT
<input type="checkbox"/> D003	Other Reactives 261.23(a)(1)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D006	Cadmium Containing Batteries	Nonwastewater		RTHRM
<input type="checkbox"/> D008	Lead Acid Batteries	Nonwastewater		RLEAD
<input type="checkbox"/> D009	High Mercury (≥ 260 mg/kg Total Mercury) with Organics	Nonwastewater		RMERC
<input type="checkbox"/> D009	High Mercury (≥ 260 mg/kg Total Mercury) with Inorganics	Nonwastewater		IMERC or RMERC

RCRA F-LISTED WASTE: The treatment standards for F-listed wastes (nonpharmaceutical) are provided on the reverse side of this form. The specific F-listed chemical constituent(s), applicable to the hazardous waste in this waste shipment, are indicated in the space provided below.

Waste Code	Treatability Group		F-Listed Chemical Constituent(s)	Treatment Standard
<input checked="" type="checkbox"/> F001	<input type="checkbox"/> Wastewater	<input checked="" type="checkbox"/> Nonwastewater	<u>1,1,1 trichloroethane, Methylene Chloride</u>	see reverse side
<input type="checkbox"/> F002	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater		see reverse side
<input checked="" type="checkbox"/> F003	<input type="checkbox"/> Wastewater	<input checked="" type="checkbox"/> Nonwastewater	<u>Xylene</u>	see reverse side
<input type="checkbox"/> F004	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater		see reverse side
<input checked="" type="checkbox"/> F005	<input type="checkbox"/> Wastewater	<input checked="" type="checkbox"/> Nonwastewater	<u>Toluene</u>	see reverse side

CALIFORNIA LIST RESTRICTIONS: The hazardous waste included in this waste shipment exceeds the following "California List" prohibition levels as set forth in 40 CFR 258.32 and RCRA 3004(d). Treatment standards are provided on the reverse side of this form. If applicable, the restricted metal present is circled:

☐ HOCs ≥ 1,000 ppm ☐ Cyanides ≥ 1,000 ppm ☐ PCB liquids ≥ 50 ppm ☐ Liquids with restricted metals, Hg, Ni, Se, Th, as circled

CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP.

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 Chempro (206) 223-0500 Resource Recovery (206) 223-0900
 WAD061672812

3156

Please print or type
 (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address <div style="text-align: center; font-size: 24pt; font-family: cursive;">A.C.W</div>						A. State Manifest Document Number									
						B. State Generator's ID									
4. Generator's Phone ()						C. State Transporter's ID									
5. Transporter 1 Company Name			6. US EPA ID Number			D. Transporter's Phone									
7. Transporter 2 Company Name			8. US EPA ID Number			E. State Transporter's ID									
9. Designated Facility Name and Site Address <input checked="" type="checkbox"/> Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 <input type="checkbox"/> Chempro 1701 Alexander Tacoma, WA (206) 838-4774 <input type="checkbox"/> Chempro 20245 76th Ave. South Kent, WA (206) 872-8030 <input type="checkbox"/> Other:						10. US EPA ID Number <div style="border: 1px solid black; padding: 2px; display: inline-block;">WAD 000812909</div> WAD 020257943 WAD 991281767									
						G. State Facility's ID									
						H. Facility's Phone									
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.			
						No. Type									
a. RR. WASTE COMBUSTIBLE LIQUID, N.O.S. (XYLENE, 111 TRICHLOROETHANE) NA 9003						1		bm		85		G		0001 F001, F005 F003	
b.															
c.															
d.															
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above									
CP# - 49108 P.O.# - M22343															
15. Special Handling Instructions and Additional Information															
PLACARDS TENDERED															
GENERATOR EMERGENCY TELEPHONE <u>206 623-5800 EXT: 218</u> <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name					Signature					Month Day Year					
17. Transporter 1 Acknowledgement of Receipt of Materials															
										Printed/Typed Name					Signature
18. Transporter 2 Acknowledgement of Receipt of Materials															
										Printed/Typed Name					Signature
19. Discrepancy Indication Space															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name					Signature					Month Day Year					

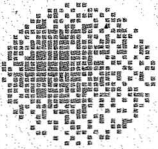
ORIGINAL — RETURN TO GENERATOR



REQUESTED BY <i>William A. Sear</i>	DATE <i>11/11/91</i>	APPROVED BY <i>A. M. ...</i>	DATE <i>11/11/91</i>
PURPOSE OR USE		TO BE FILLED IN BY PURCHASING DEPT.	
DELIVERY NEEDED BY		P.O. NUMBER <i>M22343</i>	
SHIP TO ADDRESS		VENDOR <i>Chempro</i>	
SUGGESTED VENDOR <i>CHEMICAL PROCESSOR, INC.</i>		CONTACT	TELEPHONE NO.
AC 9043/R 12-85		DELIVERY PROMISED	SHIP VIA



REQUESTED BY <i>James A. Sear</i>	DATE <i>11/11/91</i>	APPROVED BY <i>John M. Lomen</i>	DATE <i>11/11/91</i>
PURPOSE OR USE		TO BE FILLED IN BY PURCHASING DEPT.	
DELIVERY NEEDED BY		VENDOR <i>Chempro</i>	
SHIP TO ADDRESS		CONTACT	TELEPHONE NO.
SUGGESTED VENDOR <i>CHEMICAL PROCESSORS, INC.</i>		DELIVERY PROMISED	SHIP VIA



**BURLINGTON
ENVIRONMENTAL**

March 16, 1992

Mr. Jerry Thompson
ALASKAN COPPER WORKS
PO Box 3546
Seattle, WA 98124

Dear Mr. Thompson:

Enclosed is the information you requested regarding the Certificate of Treatment, Recycling and/or Disposal for your records.

If you have any questions please feel free to call me at (206) 243-6776.

Sincerely,

Janet Ford
Sales Coordinator

/bl

Burlington Environmental Inc.
2203 Airport Way South • Suite 400 • Seattle, WA 98134
(206) 223-0500 • FAX: (206) 223-7791

AKC-0018471

BURLINGTON
ENVIRONMENTAL INC.
Chempro Division

CERTIFICATE OF TREATMENT,
RECYCLING AND/OR DISPOSAL

THIS IS TO CERTIFY THAT THE FOLLOWING MATERIAL(S) WAS/WERE RECEIVED ON
08-26-91 FROM Alaskan Copper Works MANIFEST # 31516
THIS HAZARDOUS WASTE WAS MANAGED AND TREATED IN COMPLIANCE WITH ALL AP-
PLICABLE FEDERAL AND WASHINGTON STATE LAWS AND REGULATIONS, AT BURLING-
TON ENVIRONMENTAL INC., KENT PLANT, WAD 991281767.

WASTE RECEIPT NO.:..... 2770 K
PROFILE NO.:..... 49168
NO. OF CONTAINERS
ON THIS CERTIFICATE:..... 1
LINE NO.:..... 11A
WASTE CODE(S):..... D001, F002, F003
TREATMENT CODE(S):..... T507- Blending (A-fuels)
DATE OF TREATMENT:..... 08-29-91

RESIDUALS FROM THE TREATMENT OF THIS MATERIAL WERE/WERE NOT GENERATED
AND WERE SHIPPED TO THE FOLLOWING:

(FACILITY) 1. BEI - Georgetown I.D. # WAD000812709
(FACILITY) 2. _____ I.D. # _____

UNDER BURLINGTON ENVIRONMENTAL INC. MANIFEST NO.(S) LISTED BELOW:

1. 3249 K LINE 11A DATE: 09-27-91
2. _____ LINE _____ DATE: _____

SIGNATURE

NAME

TITLE

Jeanne M. Van Kirk
Jeanne M. Van Kirk
Data Entry / Waste Tracking

20245 77TH AVENUE S.
KENT, WASHINGTON 98032
(206) 872-8030 . FAX (206) 395-0377

AKC-0018472

SYSTECH ENVIRONMENTAL CORPORATION
245 North Valley Road
Xenia, Ohio 45385
(513)372-8077

CERTIFICATE OF DESTRUCTION*

This hereby certifies that waste as defined on Hazardous Waste
Manifest No. 18901, from CHEMICAL PROCESSORS INC.,
EPA Identification # WAD000812909, was received by
Systech Environmental Corp., EPA RCRA Permit Identification #
KSD980633259.

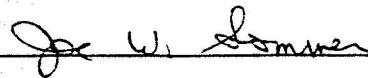
The waste material was received on: 10/21/91

This waste is to be re-used in accordance with Federal
(40 CFR 260 thru 270) and corresponding State hazardous waste
regulations.

Re-use method: Hazardous Waste burned for energy recovery in
a Cement Kiln.

Destruction Commenced on or about the following date*:

10-27-91



Joe Sommer / Roger Collins
Transportation Coordinator

* The date given above refers to when your waste shipment,
which has been processed into fuel, was introduced into the
cement kiln for re-use as a waste fuel.